

## CLAIMS:

1. A bonding data setting device for setting operating parameters of a bonding tool in wire bonding, said bonding data setting device comprising:

an image drawing means which draws a wire loop shape on a screen;

a handle display means which displays an editing handle on said screen;

a manipulating input means which is used to manipulate a position of said editing handle displayed on said screen;

a redrawing means which is used to redraw said displayed wire loop shape in a position that conforms to a movement of said editing handle;

a parameter calculating means which calculates values of operating parameters that correspond to said wire loop shape that is drawn or redrawn on said screen; and

a parameter value display means which displays calculated values of said operating parameters on said screen.

2. The bonding data setting device according to Claim 1, further comprising:

a loop shape display means which displays a plurality of different types of shape of said wire loops on said screen; and

a selective input means which selects and inputs one of displayed plurality of different types of shape of said wire loops.

3. The bonding data setting device according to Claim 1 or 2, further comprising:

a judgment means which judges whether or not a manipulated input value of said position of said editing handle that has been inputted by said manipulating input means is within a specified permissible range; and

an out-of-range output means which outputs a specified out-of-range output in cases where said manipulated input value is outside said permissible range.

4. The bonding data setting device according to Claim 3, wherein said out-of-range output is an alteration of a display method of a redrawn image redrawn by said redrawing means.

5. The bonding data setting device according to Claim 3, wherein said out-of-range output is a warning.

6. The bonding data setting device according to Claim 1 or 2, wherein

a parameter value input means that inputs values of said operating parameters is further provided; and

said redrawing means redraws a shape of said wire loop based upon inputted parameter values.

7. The bonding data setting device according to Claim 3, wherein

a parameter value input means that inputs values of said operating parameters is further provided, and

said redrawing means redraws a shape of said wire loop based upon inputted parameter values.

8. The bonding data setting device according to Claim 4, wherein

a parameter value input means that inputs values of said operating parameters is further provided; and

said redrawing means redraws said shape of said wire loop based upon inputted parameter values.

9. The bonding data setting device according to Claim 5, wherein

a parameter value input means that inputs values of said operating parameters is further provided; and

said redrawing means redraws a shape of said wire loop based upon inputted parameter values.

10. A bonding data setting method for setting operating parameters of a bonding tool in wire bonding, said bonding data setting method comprising the steps of:

drawing a wire loop shape on a screen;

displaying an editing handle on said screen;

acquiring a manipulated input of a position of said editing handle displayed on said screen;

redrawing said displayed wire loop shape in a position that conforms to a movement of said editing handle;

calculating values of operating parameters that correspond to said wire loop shape that is drawn or redrawn on said screen; and

displaying calculated values of said operating parameters on said screen.